Notice of Allowability	Application No. 10/787,024	Applicant(s) BUMILLER, GEORGE B.	
	Examiner Kamran Afshar, 571-272-7796	Art Unit 2681	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *6/14/05 & 6/20/05*.

2. ☒ The allowed claim(s) is/are *1-13,15-19,21*.

3. ☒ The drawings filed on *25 February 2004* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 11/22/04, 8/27/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. Authorization for this examiner's amendment was given in a telephone interview with Mr. Paul E. Franz Reg. No: 45,910 on 6/14/05 & 6/20/05.

The application has been amended as follows:

In The Claims:

1. (Original) A mobile device operable to initiate and receive communications over one or more communication networks, the mobile device comprising:

a processing subsystem, a memory subsystem, a display subsystem, a communication subsystem, and an input/output subsystem, the processing subsystem coupled to the memory subsystem, display subsystem, input/output subsystem and communication subsystem, and operable to store and retrieve data in the memory subsystem, to execute instructions stored in the memory subsystem, receive input data from the input/output subsystem, and to cause the communication subsystem to transmit and receive data over the communication network; and

mobile device program code comprising program instructions executable by the processing subsystem and stored in the memory subsystem and upon such execution cause the mobile device to:

receive a toll-free number as input to initiate a phone call;

determine whether the mobile device is within a North American Numbering Plan (NANP) service area;

upon determining that the mobile device is within a NANP service area, initiate the phone call to the toll-free number; and

upon determining that the mobile device is not within a NANP service area, replace the Numbering Plan Area Code (NPA) of the toll-free number with a corresponding replace code to obtain a replace code toll-free number and initiate the phone call to the replace code toll-free number.

2. (Original) The mobile device of claim 1, wherein the program instructions executable by the mobile device that cause the mobile device to determine whether the mobile device is within a NANP service area comprise program instructions that upon execution cause the mobile device to make the determination based on a country code.

3. (Original) The mobile device of claim 2, wherein the country code is received from a wireless network in communication with the mobile device.

4. (Original) The mobile device of claim 2, wherein the country code is received from a user input.

5. (Original) The mobile device of claim 1, wherein the program instructions executable by the mobile device that cause the mobile device to initiate the phone call to the toll-free number upon determining that the mobile device is within a NANP service area comprise program instructions that upon execution cause the mobile device to:

determine if intra-numbering plan toll charges apply to the phone call; and

upon determining that intra-numbering plan toll charges apply to the phone call, replace the NPA of the toll-free number with a corresponding replace code to obtain a replace code toll-free number and initiate the phone call to the replace code toll-free number.

6. (Original) The mobile device of claim 1, wherein the mobile device is a GSM device.

7. (Original) The mobile device of claim 1, wherein the program instructions executable by the mobile device that cause the mobile device to determine whether the mobile device is within a NANP service area comprise program instructions that upon execution cause the mobile device to operate in replace code mode and upon such operation automatically replace the NPA of the toll-free number with a corresponding replace code.

8. (Currently Amended) A mobile telephone communication device operable to initiate and receive communications over one or more communication networks, the mobile telephone communication device comprising:

a processing subsystem, a memory subsystem, a display subsystem, a communication subsystem, and an input/output subsystem, the processing subsystem coupled to the memory subsystem, display subsystem, input/output subsystem and communication subsystem, and operable to store and retrieve data in the memory subsystem, to execute instructions stored in the memory subsystem, receive input data from the input/output subsystem, and to cause the communication subsystem to transmit and receive data over the communication network; and

mobile telephone communication device program code comprising program instructions executable by the processing subsystem and stored in the memory subsystem and upon execution cause the mobile telephone communication device to:

receive a phone number as input to initiate a phone call;

determine if the phone number corresponds to a national numbering plan of the current service area serving the mobile telephone communication device;

upon determining that the phone number corresponds to the national numbering plan of the current service area serving the mobile telephone communication device, initiate a phone call to the phone number;

upon determining that the phone number does not correspond to the national numbering plan of the current service area serving the mobile telephone communication device, determine if the phone number has an associated replace code for any subset of the phone number; and

upon determining that the phone number has an associated replace code for any subset of the phone number, replace the any subset of the phone number with the corresponding replace code to obtain a replace code number and initiate a phone call to the replace code number.

9. (Currently Amended) The mobile telephone communication device of claim 8, wherein the program instructions executable by the mobile telephone communication device that cause the mobile telephone communication device to determine if the phone number corresponds to a national numbering

plan of the current service area serving the mobile telephone communication device comprise program instructions that upon execution cause the mobile telephone communication to make the determination based on a country code.

10. (Currently Amended) The mobile telephone communication device of claim 9, wherein the country code is received from a user input.

11. (Currently Amended) The mobile telephone communication device of claim 9, wherein the mobile telephone communication device is a mobile device, and wherein the country code is received from a wireless network in communication with the mobile device.

12. (Currently Amended) The mobile telephone communication device of claim 8, wherein the program instructions executable by the mobile telephone communication device that cause the mobile telephone communication device to determine if the phone number corresponds to a national numbering plan of the current service area serving the mobile telephone communication device comprise program instructions that upon execution cause the mobile telephone communication device to operate in a replace code mode and upon such operation automatically determine if the phone number has an associated replace code for any subset of the phone number and upon determining that the phone number has an associated replace code for any subset of the phone number, replace the any subset of the phone number with the corresponding replace code to obtain a replace code number and initiate a phone call to the replace code number.

13. (Currently Amended) The mobile telephone communication device of claim 8, wherein the program instructions executable by the mobile telephone communication device that cause the mobile telephone communication device to determine if the phone number has an associated replace code for any subset of the phone number comprise program instructions that upon execution cause the mobile telephone communication device to:

determine the national numbering plan to which the phone number corresponds;

identify replace codes corresponding to the national numbering plan to which the phone number corresponds; and

make the determination of whether the phone number has an associated replace code for any subset of the phone number based on identified replace codes.

14. (Cancelled).

15. (Currently Amended) The mobile telephone communication device of claim 8, comprising further mobile telephone communication device program code comprising program instructions executable by the processing subsystem and stored in the memory subsystem and upon execution cause the mobile telephone communication device to:

determine if the phone call initiated to the phone number connected;

upon determining that the phone call initiated to the phone number did not connect, determine if the phone number has an associated replace code for any subset of the phone number; and

upon determining that the phone number has an associated replace code for any subset of the phone number, replace the any subset of the phone number with the corresponding replace code to obtain a replace code number and initiate a phone call to the replace code number.

16. (Currently Amended) The mobile telephone communication device of claim 15, wherein the determination is made based on a user input.

17. (Currently Amended) A processor-implemented method of placing a telephone call to a toll-free number from a mobile device, comprising:

determining whether the mobile device is within a North American Numbering Plan (NANP) service area;

upon determining that the mobile device is within a NANP service area, initiating the phone call to the toll-free number; and

upon determining that the mobile device is not within a NANP service area, replacing the Numbering Plan Area Code (NPA) of the toll-free number with a corresponding replace code to obtain a replace code toll-free number, and initiating the phone call to the replace code toll-free number;

wherein initiating the phone call to the toll-free number upon determining that the mobile device is within a NANP service area comprises:

determining if intra-numbering plan toll charges apply to the phone call; and

upon determining that intra-numbering plan toll charges apply to the phone call, replacing the NPA of the toll-free number with a corresponding replace code to obtain a replace code toll-free number and initiating the phone call to the replace code toll-free number.

18. (Original) The method of claim 17, wherein determining whether the mobile device is within a North American Numbering Plan (NANP) service area is based on a country code.

19. (Original) The method of claim 18, wherein the country code is received from a wireless network.

20. (Cancelled)

21. (Currently Amended) A processor-implemented method of placing a telephone call to a phone number, from a mobile telecommunication device, comprising:

determining whether the phone number requires modification by an associated replace code;

upon determining that the phone number does not require modification by an associated replace code, placing a call from the mobile telecommunication device to the phone number; and

upon determining that the phone number requires modification by an associated replace code, modifying the phone number by the replace code to obtain a replace code number and placing a call from the mobile telecommunication device to the replace code number;

wherein determining if the phone number requires modification by an associated replace code comprises:

determining whether the country called is the same as the country in which the mobile telecommunication device is operating;

determining that the phone number does not require modification by an associated replace code if the country called is the same as the country in which the mobile telecommunication device is operating; and

determining that the phone number does require modification by an associated replace code if the country called is not the same as the country in which the mobile telecommunication device is operating;

wherein determining if the phone number requires modification by an associated replace code comprises:

determining whether the mobile telecommunication device is operating in a replace code mode;

determining that the phone number does not require modification by an associated replace code if the mobile telecommunication device is not operating in a replace code mode; and

determining that the phone number does require modification by an associated replace code if the mobile telecommunication device is operating in a replace code mode.

22. (Cancelled).

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled).

Allowable Subject Matter

2. Claims 1-13, 15-19 and 21 are allowed.

The following is an examiner's statement of reasons for allowance: 1-13, 15-19, and 21.

With respect to claim 1, Chen (U.S. Patent 6, 782, 278 B2) is the closest prior art to the application invention, which discloses a cellular phone is able to determine the current location area while calling in international roaming and find the correct international access code from the conversion table in accordance with a system code received from a proximate network company, for replacing the international access code in the telephone number searched from the phone record (See e.g. Abstract, Co. 1, Lines 40-63).

Kennedy is the second closest prior art to the application invention, which discloses, which discloses a roamer cellular telephone first enters a new system, the telephone determines the identity of the new system by reading a broadcast signal emitted from the system. The cellular telephone then sets

the Numbering Plan Area (NPA) number of its mobile identification number for the area in which the caller is presently located. This allows the roamer cellular telephone to appear as a local customer of the network system where the caller is presently located.

However, the prior art of record fails to disclose singly or in combination or render obvious that the mobile device to receive a toll-free number as input to initiate a phone call; determine whether the mobile device is within a North American Numbering Plan (NANP) service area; upon determining that the mobile device is within a NANP service area, initiate the phone call to the toll-free number; and upon determining that the mobile device is not within a NANP service area, replace the Numbering Plan Area Code (NPA) of the toll-free number with a corresponding replace code to obtain a replace code toll-free number and initiate the phone call to the replace code toll-free number.

With respect to claim 8, the prior art of record fails to disclose singly or in combination or render obvious that the mobile telephone communication device to receive a phone number as input to initiate a phone call; determine if the phone number corresponds to a national numbering plan of the current service area serving the mobile telephone communication device; upon determining that the phone number corresponds to the national numbering plan of the current service area serving the mobile telephone communication device, initiate a phone call to the phone number; upon determining that the phone number does not correspond to the national numbering plan of the current service area serving the mobile telephone communication device, determine if the phone number has an associated replace code for any subset of the phone number; and upon determining that the phone number has an associated replace code for any subset of the phone number, replace the any subset of the phone number with the corresponding replace code to obtain a replace code number and initiate a phone call to the replace code number.

With respect to claim 17, the prior art of record fails to disclose singly or in combination or render obvious that upon determining that the mobile device is within a NANP service area, initiating the phone call to the toll-free number; and upon determining that the mobile device is not within a NANP service area, replacing the Numbering Plan Area Code (NPA) of the toll-free number with a corresponding replace code to obtain a replace code toll-free number, and initiating the phone call to the replace code

toll-free number; wherein initiating the phone call to the toll-free number upon determining that the mobile device is within a NANP service area comprises: determining if intra-numbering plan toll charges apply to the phone call; and upon determining that intra-numbering plan toll charges apply to the phone call, replacing the NPA of the toll-free number with a corresponding replace code to obtain a replace code toll-free number and initiating the phone call to the replace code toll-free number.

With respect to claim 21, the prior art of record fails to disclose singly or in combination or render obvious that determining that the phone number does require modification by an associated replace code if the country called is not the same as the country in which the mobile telecommunication device is operating; wherein determining if the phone number requires modification by an associated replace code comprises: determining whether the mobile telecommunication device is operating in a replace code mode; determining that the phone number does not require modification by an associated replace code if the mobile telecommunication device is not operating in a replace code mode; and determining that the phone number does require modification by an associated replace code if the mobile telecommunication device is operating in a replace code mode.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a) Burgess (U.S. Pub. No.: 2004/0014454 A1), which discloses Wireless data system.

b) Foster (U.S. 5,940,490), which discloses Call processing to provide number portability.

c) Kennedy (U.S. 5,454,027), which discloses Communication network with hidden calling number capability.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Kamran Afshar whose telephone number is (571) 272-7796. The examiner can be reached on Monday-Friday.

If attempts to reach the examiner by the telephone are unsuccessful, the examiner's supervisor, **Feild, Joseph** can be reached @ (571) 272-4090. The fax number for the organization where this application or proceeding is assigned is **571-273-8300** for all communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kamran Afshar

JOSEPH FEILD
SUPERVISORY PATENT EXAMINER